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"hilbert curve" bit (invert OR flip) (shift OR rotate)

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[M McCool](#)

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[S Craver](#)

[M Yeung](#)

[Using State Diagrams for Hilbert Curve Mappings - all 3 versions »](#)

JK Lawder - International Journal of Computer Mathematics 78 (3): 327- ... - dcs.bbk.ac.uk

... 5. **Invert** the values of the most significant bits of all of the ... same row's entries in column X 2 . For the **Hilbert Curve** only one **bit** in any Y value is non-zero. ...

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[USING STATE DIAGRAMS FOR HILBERT CURVE MAPPINGS](#)

CR Categories, E Fil - informaworld.com

... (5) **Invert** the values of the most significant bits of all of the members in the upper half of the sequence. ... **Curve** only one **bit** in any SY value is non-zero. ...

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[Database and method for organizing data elements - all 2 versions »](#)

H Tropf - 2004 - freepatentsonline.com

... for more than 2 dimensions, the **Hilbert curve** is not ... MSB first, followed by the mantissa;

invert sign bits ... just some additions and XORs do per resolution **bit**. ...

[Cached](#) - [Web Search](#)

[Incremental and hierarchical Hilbert order edge equation polygon rasterization - all 5 versions »](#)

MD McCool, C Wales, K Moule - Proceedings of the ACM

SIGGRAPH/EUROGRAPHICS workshop on ..., 2001 - portal.acm.org

... By using the reversibility of both the **Hilbert curve** generation algorithm and the ... back-facing triangles, we can compute the determinant and **invert** the signs of ...

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[Improving Memory Hierarchy Performance for Irregular Applications](#)

[Using Data and Computation ... - all 10 versions »](#)

J Mellor-Crummey, D Whalley, K Kennedy - International Journal of Parallel Programming, 2001 - Springer

... As an alternative to simply performing a **bit-wise** interleaving of the block numbers ... to a position along any space-filling curve, such as a **Hilbert curve**, as we ...

[Cited by 84](#) - [Related Articles](#) - [Web Search](#)

[Multi-linearization data structure for image browsing - all 11 versions »](#)

SA Craver, BL Yeo, MM Yeung - US Patent 6,233,367, 2001 - Google Patents

... Collapses m-dimensional coordinates to a line via **Hilbert curve** traversal function ... O, O with 1; TOGGLE b'th **bit** (from the ... 0, 1, or 2 */ if(trit==1) **INVERT** flag[j] ...

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[Displaying ordered images based on a linearized data structure - all 4 versions »](#)

SA Craver, BL Yeo, M Yeung - US Patent 6,556,723, 2003 - Google Patents

... m-dimensional coordinates to a line via **Hilbert curve** traversal */ function ... O with 1; TOGGLE b'th **bit** (from the ... 1, or 2 */ if(trit==1) **INVERT** flag[j]; else ...

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[Creating a linearized data structure for ordering images based on their attributes - all 4 versions »](#)

SA Craver, BL Yeo, M Yeung - US Patent 6,628,846, 2003 - Google Patents
... m-dimensional coordinates to a line via ***Hilbert curve** traversal */ function ... O, O with 1; TOGGLE b'th **bit** (from the ... 0, 1, or 2 */ if(trit=1) **INVERT** flag[j] ...

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[Linearized data structure ordering images based on their attributes - all 3 versions »](#)

SA Craver, BL Yeo, MM Yeung - US Patent 7,016,553, 2006 - Google Patents
... m-dimensional coordinates to a line via ***Hilbert curve** traversal */ function ... with 0, 0 with 1; TOGGLE b'th **bit** (from the ... 0, 1, or 2 */ if(trit=1) **INVERT** flag[j] ...

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[\[book\] Problem A - all 93 versions »](#)

B Problem - Computer - chern.ie.nthu.edu.tw

... Figure 1. (a) An order-3 **Hilbert curve**. ... 4, and 5, but it would be less costly to simply **flip** switch 2 ... The 16-bit checksum is computed by first setting it to zero ...

[Related Articles](#) - [View as HTML](#) - [Web Search](#)

[Classical Fractals and Self-Similarity](#)

T Nature - Springer

... set, the Koch curve, the Peano curve, the **Hilbert curve** and the ... There is a little **bit** of ambiguity in these ... $1/3 = 0.1$, that means that we just **shift** the binary ...

[Web Search](#)

[FORSCHUNGSZENTRUM JÜLICH GmbH](#)

U Detert, A Thomasch, N Eicker, J Broughton - fz-juelich.de

... Concerning the management of the components, the CLI of the Nortel switches, based

on a set of "full screen menus", are a little **bit** unusual and not as ...

[View as HTML](#) - [Web Search](#)

[A Ray Tracing Hardware Architecture for Dynamic Scenes](#)

S Woop - 2004 - woop.dnsalias.com

... 59 7.5 Cache Hit Rate using the Hardware Optimized **Hilbert Curve** 59 7.6 Hardware Quality Index ... GFlops at a clock rate of 200 MHz and has a 256 **bit** wide memory ...

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[\[book\] Chaos and Time-Series Analysis - all 6 versions »](#)

JC Sprott - 2003 - books.google.com

... for one-dimensional maps 105 5.1.1 Binary **shift** map 106 ... maps 166 7.3.1 Fold 166 7.3.2 **Flip** 168 7.3 ... 276 11.2.1 Devil's staircase 276 11.2.2 **Hilbert curve** 277 11.2 ...

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[PHYSICAL PIXELS - all 4 versions »](#)

KB Heaton - 2000 - media.mit.edu

... In the late 1950s, artists began a gradual **shift** towards the computer as a medium, as explained by John Whitney regarding his animation machine of 1958, ...

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H Zirath, D Zoschg, Z Jun, B Zusmanovic - ieeexplore.ieee.org

... 1705-1708 vol.3 Si Schottky diode, **flip**-chip mounted ... BM, + , T-MTT Jan 01 151-159

Hilbert curve fractal antenna ... 2 Attenuators high-accuracy digital 5 **bit** 0.8-2 ...

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DE Womble, BJ DeLap, DR Ceballos - cs.sandia.gov

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BJ DeLap, DE Womble, DR Ceballos - 2006 - osti.gov

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 ... are many types and combinations of **space filling curves** which can ... iteration of the
 Hubert fractal **curve**. As an ... **Flip** horizontal (A,-); Lower right: **Rotate** left (A ...
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P Seebold - Discrete Mathematics - dmtcs.org
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 about the construction of **space filling curves**, see, for example, Sagan ...
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R Align, F **Rotate**, S Distort - doi.ieeecomputersociety.org
 ... user modify the appearance of objects by rotating, distorting, skewing, **filling**,
 or applying a ... grams and artwork required nearly 6 Mbytes of disk **space**. ... **curve**. ...
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EJ Wegman - Computing Science and Statistics: Proceedings of the 22nd ..., 1991 -
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... 30 defining a pattern 28 which includes at least one **space filling curve**. ... Lower right:

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... to in ordinary 3-dimensional space, we must **rotate** in a ... will describe a **space-filling curve** on the torus ... the reader with the ability to do a **flip**- animation, ie ...

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... w_2 , ..., w_n , respectively. An affine (linear) transformation can scale, **rotate**, translate, squeeze or **flip** an image. An MRFS M is ...

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[Computational Methods for High-Dimensional Rotations in Data Visualization](#)

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A Buja, D Cook, D Asimov, C Hurley - Handbook of Statistics: Data Mining and Computational ..., 2004 - www-stat.wharton.upenn.edu

... as sitting inside a globe, one enables the user to **rotate** the globe ... low-dimensional projection; in other words, a grand tour is a **space-filling curve** in the ...

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[Streaming compression of tetrahedral volume meshes - all 5 versions »](#)

M Isenburg, P Lindstrom, S Gumhold, J Shewchuk - Proceedings of the 2006 conference on Graphics interface, 2006 - portal.acm.org

... a sweep along one axis and a **space-filling curve**—and a ... is labeled START, ADD, JOIN,

FLIP, or FILL (see ... We topologically **rotate** the tetrahedron so that active ...

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... is some particular example of a **space filling curve**, and space ... morphisms respectively represent a vertical **flip**, a quarter turn left **rotation**, and a ...

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Rasterization Michael D. McCool Chris Wales Kevin Moule ...

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A Buja, D Cook, D Asimov, C Hurley - Handbook of Statistics: Data Mining and Computational ..., 2004 - www-stat.wharton.upenn.edu

... p - 2)-dimensional subspace of fixed points; but if the **rotation** is more ... dimensional projection; in other words, a grand tour is a **space-filling curve** in the ...

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[Integrated circuit package including miniature antenna](#)

SA FRACTUS - freepatentsonline.com

... in claim 13, wherein said **space-filling curve** comprises at ... chip so that said **flip-chip**-is ... acceleration, vibration, distance, speed, **rotation**, light intensity ...

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Recursive Distributed Representations - all 33 versions »

JB Pollack - Artificial Intelligence, 1990 - umiacs.umd.edu

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Method for reducing circuit area by grouping compatible storage devices - all 3 versions »

A Lin, KK Yau, YF Yu... - US Patent 6,018,622, 2000 - Google Patents

... In another particular embodiment, multibit **flip** flops having between two and eight ...
The placement information (eg location, **rotation**, mirror, etc.) is used by ...

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J Behrens - Adaptive Atmospheric Modeling, by Jörn Behrens. ISBN 3-540- ..., 2006 - www-m3.ma.tum.de

... 62 4.6 **Space filling curve** in bisection refinement

63 4.7 **Space filling curve** reordering

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S3	5133	S2(7N) (MODIF? OR CHANG??? OR ADAPT? OR CUSTOM? OR TRANSFOR- M? OR TRANSFORM? () (MATRI??? OR VECTOR? OR ALTER?) OR ALTER?)
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S9	138	S6 AND S5
S10	0	S9 AND S1
S11	3	S1 AND S8
S12	1	S1 AND S3:S4
S13	2	S11 NOT S12
S14	2	S9 AND S8
S15	2	S9 AND S7
S16	7	S11:S15

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